

Technical Data Sheet

MK-102 : One Coat Polysiloxane-Epoxy Coating

Product Description: The coating material is a clear, extremely durable 2-part organometallic coating that cures at room temperature. The cured coating performs a water and oil repellent surface, greatly simplifying the removal of contamination.

Main property: Hard, solvent resistant coating. Easy to clean anti-stick surface.

Main field of application:

Corrosion and easy to clean protection for aluminum, concrete, stainless steel, magnesium alloys and brass.

Material basis: Solvent based organometallic matrix with special additives

Packaging sizes:

1L Plastic container
5L Steel jerrican
20L Plastic container
200L Plastic drum
1,000L IBC (industrial bulk container)

Shelf Life & Storage:

Unopened in original container and at temperatures of 5°C to 35°C storage is possible for at least 9 months. Protect from frost and temperatures above 35°C. Check for signs of deterioration before use if the recommended storage time is exceeded. Seal tightly and store in a cool place. Storage areas must be well ventilated. Keep away from water and oxidizing agents.

Repeatedly opening and closing either Part A or Part B and storing part containers may cause moisture absorption which will lead to loss of gloss in the mixed and applied coating. High humidity and high temperature combined with rapid air movement over the job may result in surface defects.

Colour: Colourless, transparent.

Mixing: Ratio for mixing is 1:1 w/w (A:B). Part B should be added to Part A and agitated to ensure good mixing.

Application: According to the directions for use – see separate documentation.

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Consumption:

50 – 70 sqm /Litre. These figures should be used as an indication only.

Drying & Curing:

Drying time @ 40% R.H. (Hours) 25°C (Touch : ~4 hours), (Through : ~8 hours), (Full Cure : 7 days)

Recoat time @ 40% R.H. (hours) : 25°C (4 hours)

Cleaning:

Clean with thinners or MEK directly after use.

Solids Content: 73.5% by weight

Protective measures:

Carefully read notes and suggestions for safe working indicated on packaging; observe accident-prevention measures suggested by professional associations. See Material Safety Data Sheet for further information. Waste management: Send in only completely empty packaging for recycling. Hand over packaging containing residues to a local collection centre. Dry residues can be disposed in accordance with dry paint residues or as domestic waste.

Read carefully:

The information on this data sheet is based on the current status of technical development as well as our experience with the product. However, given the variety of surfaces and ambient conditions, the information provided on this data sheet shall in no way diminish the responsibility of the user to ensure with due care, that our product is suited for the intended purpose, surface and application conditions. Since application and processing lie outside our purview, no manufacturer liability shall be derived from the information provided herein. Our General Terms and Conditions of business shall apply in all cases. All information is subject to change without notice.

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